

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG 2004/000006

A. CLASSIFICATION OF SUBJECT MATTER H04B 1/69, H04L 27/00 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) H04B, H04L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPI, EPODOC, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HYUNSEOK, K. et al. 'Design of CMOS Scholtz's monocycle pulse generator.' In: 2003 IEEE Conference on Ultra Wideband Systems and Technologies. New York: IEEE, 16 November 2003 (16.11.2003), pages 81-85. <i>sections 4, 5; figures 3-6;</i>	1, 2
A	--	7-16
X	EP 1 370 038 A1 (CSEM) 10 December 2003 (10.12.2003) <i>abstract, figures 1-9;</i> <i>paragraphs [0014]-[0039].</i>	1-6
A	--	7-16
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 15 September 2004 (15.09.2004)		Date of mailing of the international search report 22 September 2004 (22.09.2004)
Name and mailing address of the ISA/ AT Austrian Patent Office Dresdner Straße 87, A-1200 Vienna Facsimile No. +43 / 1 / 534 24 / 535		Authorized officer LOIBNER K. Telephone No. +43 / 1 / 534 24 / 323

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JEONGWOO, H. et al. A New Ultra-Wideband, Ultra-Short Monocycle Pulse Generator with Reduced Ringing. IEEE Microwave and Wireless Components Letters: June 2002, volumn 12, No.6, pages 206-208, ISSN 1531-1309.	1, 2
A	<i>sections 1, 2, 4; figures 1-4.</i>	7-16

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Information on patent family members

International application No.:
PCT/SG 2004/000006

Patent document cited
in search report

Publication
date

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Publication
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none